ATR 20/20

Time & Attendance Badge System

*The **ATR20/20** automatically collects and calculates your employees' hours, saving money through improved accuracy and reduced labor expenses. The Windows 95/98/2000/NT/ME package enhances your ability to manage your workforce with detailed reporting and simplicity of operation.*

Empowers Management with detailed information on employee activity to improve company performance.

- Easy employee setup
- Punch detail
- Exceptions
- Hours summary
- Simplifying employee scheduling

AVAILABLE REPORTS

- Time Card
- Hours
- Daily Hours
- Who's In
- Who's In by Shift
- Shift Report
- Category Summary
- Department/Category Summary
- Category Count Summary
- Group Hourly Report
- Department Summary
- Attendance Report
- Attendance Count Report
- Payroll Exports
- Missing Punch
- Export Time Card

ACROPRINT® *Time for Business.*™

The color Green™ is a trademark of Acroprint Time Recorder Company as applied to job time recorders, attendance systems, electronic time recorders, and attendance recorders. Windows 95/98/2000/ME and Windows NT are registered trademarks of Microsoft Corporation. HID is a trademark of HID Corporation. All other trademarks are the property of their respective owners.

System Sales.....1-800-334-7190
System Technical Support.....919-872-5800
Fax.....919-872-5967
Email.....ATR2020@acroprint.com
Website.....http://www.acroprint.com

SOFTWARE OVERVIEW

- Fixed, flexible or open shifts
- Wide range of variable parameters for applying calculation rules
- Polls unlimited number of terminals
- Easy editing for payroll filing
- Transfers records for payroll files
- Password protection
- Automatic report processing
- Offline operation
- Punched breaks and lunches
- Punch editing at the PC or clock
- Three levels of overtime
- Allows employee transfers
- Automatic daylight savings adjustment
- Control unauthorized overtime
- AM/PM or military time
- Backup and archive/restore utilities
- Field help screens
- Unlimited category and attendance codes
- Global entries
- Holidays
- All information may be viewed, printed or transferred

Standard Terminal

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ATR 20/20

Model Chart

Model	RS232	RS485	2400 baud internal modem	magnetic stripe	visible barcode
ATR20/20-1	•			•	
ATR20/20-2			•	•	
ATR20/20-3	•			•	•
ATR20/20-4			•	•	•
ATR20/20-5		•		•	
ATR20/20-6		•		•	•

CROPRINT® Time for Business.™

STANDARD MODULES

- Signal control
- Messaging
- Autopoll/autoreports

PRODUCT SPECIFICATIONS

General Architecture: Dedicated EPROM for ATR 20/20 software data collection terminal with a Z180 microprocessor, real time calendar clock, integral keyboard, display, badge reader and communications interface.

Display: 2 line by 20 character backlit LCD (alphanumeric)

Keypad: 16 key, full travel, alphanumeric, programmable

Memory: 128K RAM
*256K RAM

Power: 120/240V, 50Hz/60Hz wall mount transformer
9 volt AC, 1000 mA minimum
*9 volt AC, 230V European, 240V British and 230V Parallel Blades

Battery Capabilities: Internal Lithium Battery retains data and powers the real time clock for up to 10 years.

Media Input: Magnetic Stripe Card Reader (ABAII); Bar Code Reader, Code 39, (visible); External Bar Code Reader; Pen Wand

Communications: RS-232, RS-485 2-wire single terminal or multi-dropped protocols (LAN). Internal 2400 baud modem.

Printer Connection: Serial port RJ11 Modular, Parallel port 25 pin DB

Operating Temperature: 0 to 40 degrees Celsius; 32 to 110 degrees Fahrenheit

Humidity: 0 to 95% relative humidity, non-condensing

Enclosure: Flame retardant Polycarbonate/ABS, with reversible wall mounting bracket and secured access door that protects I/O ports.

Dimensions: 8.7 in. (23 cm) wide X 6.1 in. (16 cm) tall X 2.3 in. (6 cm) deep

Shipping Weight: 4 lbs (1.85 kg)

System Requirements: Pentium® processor, 300 MHZ minimum, 64 RAM, Windows 95/98/2000/ NT/ ME

* Denotes options available.

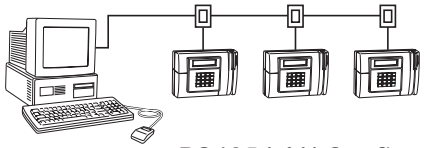
HARDWARE

- Track-two magnetic stripe reader, Barcode reader (visible)
- 5000+ event capacity, for internal storage between pollings
- RS485, RS232, or modem communications.
- "Swipe and go" (clock in and out without keypunch) or keypunch entry
- 2 line by 20-character backlit display
- Real-time quartz clock
- Durable ABS construction
- Lithium battery backup for data protection
- EPROM retains program in power outage
- Reversible mounting bracket for wall or desktop

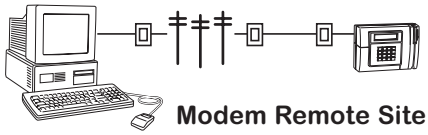
HARDWARE OPTIONS

- Barcode wand
- International power transformers
- 12 volt DC adaptor
- Signal-control relay kit
- Adaptors and cable
- Printers
- 30 millimeter badges; 24 and 40 pocket badge racks
- External weather resistant barcode reader
- Cleaning pads

RS232C Configuration



RS485 LAN Configuration



Modem Remote Site Configuration

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